

## EAST Search History

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|---|------------------|---------|---------------------|
| S1    | 47    | 720/695.ccls.   | US-PGPUB;<br>USPAT  | OR               | ON      | 2008/03/05<br>13:19 |
| S2    | 30    | 720/696.ccls.   | US-PGPUB;<br>USPAT  | OR               | ON      | 2008/03/05<br>13:20 |
| S3    | 40    | 720/697.ccls.   | US-PGPUB;<br>USPAT  | OR               | ON      | 2008/03/05<br>13:20 |
| S4    | 38    | 720/700.ccls.   | US-PGPUB;<br>USPAT  | OR               | ON      | 2008/03/05<br>13:20 |
| S5    | 50    | ((("5183133") or<br>("4256312") or ("4324118")<br>or ("4332050") or<br>("4350174") or ("4360906")<br>or ("4424431") or<br>("4541291") or ("4570093")<br>or ("4765782") or<br>("4786775") or ("4796842")<br>or ("4813171") or<br>("4820900") or ("4835760")<br>or ("5369254") or<br>("5469676") or ("5500844")<br>or ("5600624") or<br>("5787066") or ("5904313")<br>or ("5950503") or<br>("6154436") or ("6196048")<br>or ("3604546") or<br>("3680312") or ("3885798")<br>or ("3869129") or<br>("3850051") or ("3845339")<br>or ("3843985") or<br>("3798842") or ("3784853")<br>or ("4003447") or<br>("4008783") or ("4026067")<br>or ("4028041") or<br>("4047721") or ("4071789")<br>or ("4072315") or<br>("4092512") or ("4096419")<br>or ("4110670") or<br>("4127799") or ("4249746")<br>or ("4256310") or<br>("4260163") or ("4260920")<br>or ("4280589") or<br>("4290687") or ("").pn.)).<br>PN. | US-PGPUB;<br>USPAT  | OR               | OFF     | 2008/03/05<br>13:56 |
| S6    | 10024 | ("THOMSON LICENSING").<br>as.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/03/05<br>14:48 |

|     |    |  |   |    |     |                     |
|-----|----|--|---|----|-----|---------------------|
| S7  | 30 | ((hub or shaft or deck\$2 or turntable\$2 or spindle\$2 or stage\$2 or platform\$2) near2 (hole\$2 or bore\$2 or pit\$2 or hollow\$2 or aperture \$2 or pore\$2 or cavit\$3 or opening\$2 or orifice\$2 or gap \$3 or countersink\$2 or eye \$5 or perforation\$2 or cup \$2 or spac\$3 or breach\$3 or hiatus\$2 or break\$3 or spread\$3 or disrupt\$4 or blank\$2 or discontinuit\$2 or interrupt\$4 or interval\$2 or porous\$1 or slot\$3 or groove \$2 or keyhole\$2 or slit\$3 or channel\$2 or cut\$3)) and S6 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/03/05<br>14:56 |
| S8  | 4  | ("02089132")   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/03/05<br>15:08 |
| S9  | 1  | ("(20020159381)").PN.  | US-PGPUB;<br>USPAT  | OR | OFF | 2008/03/05<br>15:11 |
| S10 | 0  | ("2002/0159381").URPN.   | USPAT   | OR | ON  | 2008/03/05<br>15:13 |
| S11 | 6  | ("4514839"   "4649532"   "5555233"   "5761186"   "5774445").PN. OR ("6510123").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/03/05<br>15:19 |
| S12 | 30 | ("4098513"   "4101945"   "4325133"   "4441178"   "4570254"   "4730300"   "4788464"   "4874976"   "5038240"   "5089732"   "5138602"   "5140479"   "5257151"   "5280465"   "5319270"   "5545937"   "5574323"   "5578882"   "5587617"   "5610900"   "5633856"   "5675452"   "5757762"   "5761186"   "5835309"   "6005311"   "6065368"   "6122143"   "6222291").PN. OR ("6865744").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/03/05<br>15:19 |
| S13 | 3  | ("4629919"   "4871404"   "4984909").PN. OR ("7047542").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/03/05<br>15:19 |
| S14 | 2  | ("4176847"   "5193084").PN. OR ("6802072").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/03/05<br>15:19 |

|     |       |   |                           |    |    |                     |
|-----|-------|---|---------------------------|----|----|---------------------|
| S15 | 9     | ("3845339"   "4401419"  <br>"4874976"   "4987333"  <br>"5128818"   "5153470"  <br>"5254895"   "5453650").PN.<br>OR ("5796193").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/05<br>15:19 |
| S16 | 14    | ("4098513"   "4101945"  <br>"4325133"   "4441178"  <br>"4730300"   "5138602"  <br>"5280465"   "5610900"  <br>"5633856"   "5757762"  <br>"5761186"   "6005311"  <br>"6065368").PN. OR<br>("6366552").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/05<br>15:19 |
| S17 | 34    | ("3870382"   "4007974"  <br>"4240141"   "4380355"  <br>"4573807"   "4686592"  <br>"4998033"   "5018881").PN.<br>OR ("5193084").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/05<br>15:35 |
| S18 | 184   | 369/264.ccls.   | US-PGPUB;<br>USPAT        | OR | ON | 2008/03/05<br>15:37 |
| S19 | 0     | 369/258.ccls.   | US-PGPUB;<br>USPAT        | OR | ON | 2008/03/05<br>15:56 |
| S20 | 11848 | ((conic\$4 or cone\$2 or taper<br>\$3 or annul\$4 or circ\$4 or<br>cylind\$5) near2 (hole\$2 or<br>bore\$2 or opening\$2))<br>near3 (hub\$2 or shaft\$2 or<br>turntable\$2 or spindle\$2)                 | US-PGPUB;<br>USPAT        | OR | ON | 2008/03/05<br>16:16 |
| S21 | 450   | S20 and ("360"/\$.ccls. or<br>"369"/\$.ccls. or "720"/\$.<br>ccls.)   | US-PGPUB;<br>USPAT        | OR | ON | 2008/03/05<br>16:16 |
| S22 | 350   | S21 and @pd<= "20031014"  | US-PGPUB;<br>USPAT        | OR | ON | 2008/03/05<br>16:17 |
| S23 | 2053  | ((conic\$4 or cone\$2 or taper<br>\$3) near2 (hole\$2 or bore\$2<br>or opening\$2)) near3 (hub<br>\$2 or shaft\$2 or turntable\$2<br>or spindle\$2)   | US-PGPUB;<br>USPAT        | OR | ON | 2008/03/05<br>16:18 |
| S24 | 56    | S23 and ("360"/\$.ccls. or<br>"369"/\$.ccls. or "720"/\$.<br>ccls.)   | US-PGPUB;<br>USPAT        | OR | ON | 2008/03/05<br>16:19 |
| S25 | 41    | S24 and @pd<= "20031014"  | US-PGPUB;<br>USPAT        | OR | ON | 2008/03/05<br>16:19 |
| S26 | 15    | ("3448845"   "3812953"  <br>"3946884"   "4300975"  <br>"4492301"   "4575837"  <br>"4627288"   "4637010").PN.<br>OR ("4723648").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/03/05<br>16:27 |
| S27 | 15    | S24 not S25   | US-PGPUB;<br>USPAT        | OR | ON | 2008/03/05<br>16:28 |

3/6/2008 11:26:04 AM

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